REMARKS

Claims 1-20 were originally filed in the present application.

Claims 21-40 are pending in the present application.

Claims 1-20 were rejected in the January 25, 2006 Office Action.

No claims have been allowed.

Claims 1-20 are cancelled herein.

Claims 21-40 are added herein.

Claims 21-40 remain in the present application.

Reconsideration of the claims is respectfully requested.

Applicants note that at least some of the originally filed independent claims of the present application recited elements that were directed to both a base station and a mobile station. As such, the originally filed claims were narrower in scope than Applicants' actual invention. Accordingly, Applicants have cancelled Claims 1-20 without traverse and added new Claims 21-40 solely for the purpose of broadening the scope of the claims presented. Accordingly, favorable reconsideration and allowance of Claims 21-40 is respectfully requested.

In Section 2 of the January 25, 2006 Office Action, the Examiner rejected Claims 1-20 under 35 U.S.C. § 103(a) as unpatentable over U.S. Patent Publication No. 2003/0129980 to *Sayeedi* (the the "Sayeedi reference") in view of U.S. Patent Publication No. 2004/0063451 to *Bonta, et al.* (the "Bonta reference"). Applicants respectfully disagree. Although Claims 1-20 are cancelled herein and thus the §103 rejection is now moot, Applicants have addressed the cited references below.

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The Sayeedi reference discloses a system for registering a mobile station wherein the registration is *initiated by a radio access network (RAN)*. Sayeedi reference, Abstract and ¶¶ [0013]. There is no teaching or suggestion within the Sayeedi reference of providing mobile station registration of any kind within a traffic channel. Yet, the Examiner on several occasions contends that this feature was old and well known in the art at the time of the invention and offers the Bonta reference in support. Applicants respectfully disagree.

The Bonta reference discloses a system for relaying information within an ad-hoc communication system. Bonta reference, ¶¶ [0016]. The Bonta reference teaches that when a master mobile unit is contacted by a slave mobile unit (i.e., an out-of-coverage mobile unit), the second mobile unit proactively obtains knowledge of each immediate neighbor's identification and possible ad-hoc network routes to those neighbors. *Id.* at ¶¶ [0016] and [0028]. The slave mobile unit synchronizes with the master mobile unit and transmits a registration proxy message to the master relay node using an ad-hoc relay frame at the prescribed timeslot designated by the master mobile unit. *Id.* at ¶ [0028]. If the call processing state of the relay is "idle," it will create a registration for delivery via the cellular access channel (RACH). *Id.* at ¶ [0030]. If, on the other hand, the call processing state of the relay is "conversation" (i.e., it already has a traffic channel assignment), then a unique registration message will be prepared for delivery via the traffic channel. *Id.* at ¶ [0031].

Neither the Sayeedi reference or the Bonta reference, taken individually or in combination, teaches or makes obvious, for example, a *base station* capable of receiving a registration message from a mobile station in a *traffic channel*, wherein the registration message is *initiated* from the

mobile station before the mobile station registration is complete, as generally required by cancelled

independent Claims 1, 8 and 15 and by newly added independent Claims 21, 28 and 35. Moreover,

there is no suggestion or motivation within the Sayeedi reference or the Bonta reference to prompt

one of ordinary skill to selectively combine and *seek out* still other discrete elements as required by

cancelled independent Claims 1, 8 and 15 and by newly added independent Claims 21, 28 and 35.

Accordingly, cancelled Claims 1, 8 and 15, as well as newly added Claims 21, 28 and 25, and their

respective dependents, are patentably distinguishable over the art cited and are thus allowable.

SUMMARY

For the reasons given above, the Applicant respectfully requests reconsideration and allowance of the pending claims and that this application be passed to issue. If any outstanding issues remain, or if the Examiner has any further suggestions for expediting allowance of this application, the Applicant respectfully invites the Examiner to contact the undersigned at the telephone number indicated below or at *jmockler@davismunck.com.*
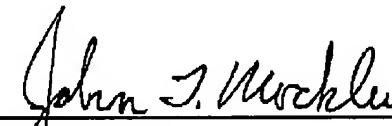
The Commissioner is hereby authorized to charge any additional fees connected with this communication or credit any overpayment to Deposit Account No. 50-0208.

Respectfully submitted,

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